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Message:

missing 19 pages
p. 4 blank

ksfo-client.txt

#!/usr/local/bin/perl

WebChat(tm) Client v 0.2

Copyright (c) 1995 Internet Roundtable Society

Programmed by Michael Fremont, email: webchat@irsociety.com

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this script is executed when a user submits the "chat" form.

LITERALS

#-----

\$LOCK_SH = 1;

\$LOCK_EX = 2;

\$LOCK_NB = 4;

\$LOCK_UN = 8;

\$TRUE = 1;

\$FALSE = 0;

GLOBALS

#-----

\$client = "http://cgi-bin/nph-client#anchor1";

the following line is for the www.irsociety.com system

\$talkfile = "/home/webchat/transcripts/ksfo";

the following line is for the webchat.service.digital system

\$talkfile =
 "/usr/local/httpd/htdocs/webchat/transcripts/ksfo";\$talkfile =
 "/home/lanshark/www/pages/webchat/transcripts/ksfo";\$point_gif =
 "http://www.cybertoday.com/cybertoday/webchat/point.gif";\$webchat_logo =
 "http://www.ccnet.com/laporte/images/ksfologo.gif";

\$about_local_server = "http://www.cybertoday.com/";

\$local_tz = "PDT (-0700 GMT)";

\$read_block_size = 512;

\$num_context_paras = 0;

\$num_context_paras_when_starting = 10;

\$para_mark_size = 7; # 7 digits (space padded)

\$back_jump = 10;

\$way_back_when = 40;

get the form

&ReadParse;

```

ksfo-client.txt
$last_read_para = ${last_read_para};
$wants_dates_printed = ${wants_dates_printed};
$back_para = ${back_para};

# we've changed to letting you specify how far back you want to scroll
# we're leaving the old code in case we go back
if(${Back} > 0)
{
    $back = $TRUE;
    $back_para = $back_para - $back_jump;
    ($back_para < 1) && ($back_para = 1);
#    $last_read_para = $back_para;
    $last_read_para = $last_read_para - ${Back};
    ($last_read_para < 1) && ($last_read_para = 1);
}

### for debugging
#if(${InputText} eq "")
# {
#     ${handle} = "Michael Fremont";
#     ${InputText} = "hello, world!";
# }

# open a (properly initialized) transcript file

# later: if need to die, put text in some log file somewhere
open (TRANSCRIPT, "+<$talkfile") || die "client
can't open transcript file";

# If the user input any text, add it to transcript file
($InputText ne "" && $back eq "") && &add_to_transcript;

# Update the output area or send error message if nothing new
&output_new_form;
exit;

sub output_new_form

# if there is new output for this user, send it to him. Otherwise return
# "no new info" error message to his browser so it keeps his current state
{
    local ($buf, $tbuf, $last_para, $found, $amount_to_read);
    local ($para_num, $date, $handle, $headURL, $headURLsize, $text);

    # look for first context paragraph that is to be output to user
    # note - it may not be in transcript file anymore, if the file was pruned
    # but for this version, assume pruning has not yet been implemented

    $first_context_para = $last_read_para - $num_context_paras;
    ($first_context_para < 1) && ($first_context_para = 1);
    $first_context_para =
        "\0"
        pack("A$para_mark_size", $first_context_para) .
        "\1";

    # read a block from the end of the file and look for the context para.

```

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